

## FLOODPLAIN EASEMENT PROGRAM RESTORATION PRACTICES AND COST PAYMENTS

The emphasis on the restoration activities is on those vegetative practices needed to control erosion and to provide proper functioning of the floodplain for flood attenuation. The following are vegetative practices which would be applicable to floodplain restoration efforts:

Cover Crop (340)-for temporary cover/nurse crop

Wetland Wildlife Habitat Management (644)-for herbaceous floodplain seeding of sites

Tree Planting (612)-tree planting and site preparation measures

Conservation Cover (327)-planting procedures, site preparation, and initial weed control for herbaceous plantings

Wetland Restoration (657)-(used only for planning purposes to assist in achieving restoration goals- not a cost shared practice)

The following minimum technical requirements will be done on each site with the goal of restoring sites to forested sites for floodplain function:

- a. Initial noxious weed control (\$30 per ac) use Conservation Cover- 327
- b. Cover crop (\$60 per ac)-3 lbs PLS/ac Virginia Wild Rye and one bushel oats-aerial application
- c. Natural regeneration of trees (\$0/ac)

The following are optional technical requirements that can be used for site specific protection and to diversify the site-as determined by the NRCS representative.

- a. No more than 25% of the easement planted to trees (\$640 per ac) @544 trees per ac
  - i. Below the 15 day floodline plant only species that can withstand prolonged flooding Bald Cypress, Overcup Oak, Pecan, Buttonbush only (or other species approved by NRCS State Forester)
  - ii. Above the 15-day floodline follow 612 standard and Soil Data Mart information for planting

AND/OR

- b. No more than 25% of the easement area planted to herbaceous floodplain mix (\$300 per acre) as follows:

Herbaceous Floodplain Mix

Spp	Common Name	oz/ac
Carex vulpinoides	Fox sedge	5
Cinna arundinacea	Stout woodreed	4
Elymus virginicus	Virginia wild rye	48
Elymus riparius	Riverbank wild rye	16
Cassia herbearpa	Wild senna	4
Bidens cernua	Nodding bur marigold	2
Penstemon digitalis	Foxglove beardtongue	1
Rudbeckia triloba	Brown-eyed susan	2
Actinomeris alternifolia	Wingstem	1

The use of structural practices on floodplain restoration efforts as per Floodplain guidance should be rarely used. In those instances which a structural practice is being contemplated, the NRCS representative should contact the WRP Coordinator to discuss cost estimation and program suitability.